

IndoorCam

Indoor Wi-Fi security camera with PIR motion detector and built-in AI

Professional security and AI. Domesticated.

IndoorCam combines the convenience of Wi-Fi cameras with high-end security features. Its fallback communication channel with an Ajax hub ensures that the facility never drops out of sight, even if Wi-Fi is lost. Equipped with a PIR sensor and built-in AI, the device accurately detects movement and recognizes people, animals, and vehicles. Users can always get a clear view of indoor activity in outstanding quality thanks to the IndoorCam’s wide-angle HDR camera.

Key features

Top-grade camera 110° 4 MP HDR	Precise motion detection with a PIR sensor	Clear two-way audio with noise suppression and echo cancellation	Customizable virtual video wall
IR illumination range up to 8 m 26 ft	Built-in AI object recognition	Informative push notifications Ajax Home: animal detected, IndoorCam in Room 1 Critical Ajax Store: motion detected, IndoorCam in Main hall	JetSparrow Instant access to live stream and smooth archive ¹ navigation
Two colors	Jeweller and Wings Fallback communication channel	Archive ¹ synchronization with system events	Remote control and configuration
Adjustable motion detection area	Enhanced Wi-Fi connection at a distance of up to 500 m 1,600 ft in line of sight	Secure passwordless authentication	High-resolution alarm verification Ajax Video scenario Motion in Open Space executed
Over-the-air updates without additional maintenance		Multi-tiered account security 2FA, session control, and password/biometric login	

Live view, instant talk

Stay connected to your property and control it from anywhere, day or night. With HD video streaming and two-way audio, you can see, hear, and respond to any situation immediately using your smartphone. From deterring unwanted visitors to checking in on your space, IndoorCam combines professional-grade surveillance with user-friendly functionality.

Rapid and encrypted data transfer

JetSparrow is the heart and brain of Ajax video transmission, storage, and management. We developed this proprietary video transmission technology to deliver an ultra-fast VMS experience. With JetSparrow, navigating through the local archive feels as smooth as browsing cloud storage. As a result, surfing the archive becomes remarkably efficient, and the live view initiates without any delay.

- Peer-to-peer transmission
- TLS encryption

- High stability

Extended Wi-Fi range for no lags and freezes

Forget about home security cameras dropping off the Wi-Fi network at the worst possible moment. IndoorCam is designed to be less susceptible to radio interference and maintain a stable connection at up to 500 meters 1,600 ft in line of sight – five times farther than competing solutions. This extended range offers greater installation flexibility, as installers no longer need to position the Wi-Fi router directly near the camera. For users, it ensures seamless communication and uninterrupted streaming whenever needed.

Secure and accessible video archive

Ajax NVR	Ajax Cloud Storage
Experience rapid system response with instant access to an extensive 16 TB local video archive, providing cloud-level retrieval speed. Designed for wide compatibility, NVR allows for integrating nearly any third-party IP camera into Ajax intrusion protection and automation setup.	Benefit from smart video recording and store in the cloud archive. The built-in AI recognizes people, vehicles, and animals. Select the object types you want to receive notifications for, and IndoorCam will automatically record based on the choice made. Only the footage that matters most will be stored on Ajax Cloud Storage.

Reliable connection beyond Wi-Fi

Connecting IndoorCam to an Ajax hub provides a reliable backup communication channel. If Wi-Fi connection is lost, the camera continues to transmit events, alarms, and photos using Ajax’s secure Jeweller and Wings radio protocols. With up to 1,700 meters 5,550 ft of communication range with a hub and robust Ajax anti-sabotage measures, IndoorCam remains an active part of the intrusion protection system, ensuring users are informed and in control.

- Up to 1,700 m 5,550 ft of communication with an Ajax hub²
- Frequency hopping
- Jamming detection
- Device loss detection

Instant event-to-video alarm verification

Synchronized notifications

Thanks to the synchronization³ between the cameras and the security system, there is no need to scrub through all the footage to find what’s needed. A notification in Ajax apps can instantly redirect users to a corresponding recording.

High-quality alarm verification

Set up a scenario for the camera to start recording³ as soon as certain Ajax detectors are triggered. Configure the video settings to instantly receive high-resolution visual alarm verification.

Customizable video wall for simultaneous monitoring

All the visual data is available in a streamlined virtual video wall in both mobile and desktop apps. The Video wall tab combines the latest snippets from the cameras and MotionCam detectors, offering a comprehensive view of the space under surveillance. Rearrange the tiles according to the needs of a user.

Established security expertise

Enhanced archive and data security	Strengthened account security
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<p>Ajax Systems ensures the highest level of protection for video data in compliance with EU data protection standards. Recordings can be stored in encrypted cloud storage or a secure NVR and be accessible only with authorized credentials. Passwordless authentication further reduces vulnerabilities of the video surveillance system.</p>	<p>Access to video streams is provided through the apps. The accounts can be secured with either a password or biometrics. Two-factor authentication and session control are also available.</p>
<p>Restricted visual data access</p> <p>The Privacy tab allows trusted accounts to grant or revoke user access rights to specific video streams and photos in real-time. Control who can view, listen, save, as well as and manage the content.</p>	<p>End-user-controlled system</p> <p>Once the system is installed, only the end user has control over it. It does not have backdoors. Access for PRO accounts is temporary. Only those with specific rights, granted by the system administrator, can access the visual data.</p>

¹ IndoorCam recordings are stored in Ajax NVR or Ajax Cloud Storage.

² In line of sight.

³ This feature requires IndoorCam connection to Ajax NVR or Ajax Cloud Storage.